

Nathan Yan

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WORK EXPERIENCE

Senior Software Engineer - LinkedIn (August 2014 – Present)

- API Developer for Feed backend serving all of LinkedIn's mobile apps (Android, iOS, Mobile Web)
 - Team lead for Feed API, member of Architecture review committee for all API models and endpoints
 - Java, Play framework, Rest.li framework, Pegasus data schema (similar to Avro)
- Previously full stack developer for LinkedIn Homepage (rebuilt from scratch and launched Mar 2015)
 - Scala, Play framework, JS (jQuery), CSS (Sass), HTML

Software Engineer - Autodesk and Live Gamer (acquired) (June 2010 – August 2014)

- Platform developer for core transaction platform – handled payments, subscriptions, and entitlement tracking
 - Java, JAX-RS, JAXB, JPA/Hibernate, Oracle/PLSQL, MySQL
- Frontend developer exp. for customer integrations – payment/store interfaces, web services integration
 - PHP, Java, JS (jQuery), CSS, HTML
- Testing experience with TestNG, Mockito, EasyMock, PHPUnit and Selenium (WebDriver & IDE)
- Scrum master experience for customer integration team

Creator - Fantasora (www.fantasora.com) (Feb 2014 – Present)

- Developed platform for hosting of fantasy games (e.g. fantasy baseball, but open-ended schema)
- Tracking for players, rosters, category- and time-segmented scoring events.
- Live draft interface, User comments and scoring submissions, Google SSO
- Community Admin for Game of Thrones fantasy game
- Hosted ~400 users, ~600 teams for GoT 2015 season

Photography Course Instructor (Aug 2007 – May 2010)

University of California - Berkeley, Berkeley, CA (www.photodecal.org)

Photo Editor, Staff Photographer (Sep 2006 – May 2010)

The Daily Californian, Berkeley, CA

EDUCATION

University of California – Berkeley, Berkeley, CA | Class of 2010

Bachelor of Science, Electrical Engineering & Computer Science (EECS)

SKILLS

Software Engineering

-**REST API:** have participated in design review and creation of several REST APIs and data schemas. Currently serve on review committee that approves and advises on development of endpoints and models for LinkedIn's API serving mobile clients.

-**Java** platform development: mostly RESTful web services (**Rest.li** and **JAX-RS**), XML (**JAXB**), database (**JPA/Hibernate**)

-**Web Development:** **Scala** + **Play** framework, **PHP** with self-developed MVC frameworks for personal projects

-**Web UI:** not a creative wizard, but lots of exp. rendering mocks to working sites, handling AJAX requests, dealing with cross-browser issues. **HTML**, **CSS**, **Javascript**, **jQuery**

-**MySQL/Oracle PLSQL:** Know my basic queries and table structures. Learning on performance side.

-**Python/Perl/Bash/Linux Admin:** base knowledge for small tasks, know where to start reading for anything new

-**List of projects:** thedailynathan.com/projects

Non-software

-**Scrum:** Comfortable working in Scrum process, some Scrum master experience

-**Teaching:** Developing courses, lesson plans, lectures to 100+ audiences, leading discussion, tech demos

-**Photographic Science:** anything you ever wanted to know about imaging, optics, and camera tech – ask away!

-**Digital Imaging:** Extensive experience with **Adobe Photoshop**, **ACR**, **Indesign**, **Premiere**, **Lightroom**

-**IC Design, Lab Work:** some background in electronics lab, schematic capture, Arduino (C-based)